



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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OCT 24 2002

SERIAL NO: 09/749,243

GROUP ART UNIT: 1712

FILED: 12/26/2000

EXAMINER: Lovering, Richard D.

FOR: "Description of an Inorganic Polymer "Electret" in a Colloidal State Along With the Method of Generating and Applications"

TC 1700

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APPENDIX A - AMENDMENTS

Set out below is an underlined and bracketed version of the amendments made in this response. All claims have been included, even those not amended:

IN THE SPECIFICATION:

On page 1, delete lines 10 and 11, and insert the following amended text:

--Serial No. 09/092,676, filed June 5, 1998, and entitled "Description of an Inorganic Polymer 'Electret' in a Colloidal State Along With the Method of Generating and Applications" now abandoned;--

On page 16, please delete lines 13 through 25 in their entirety and insert the following amended text:

--The best mode presently contemplated for carrying out the invention in actual practice is illustrated in the accompanying drawings, in which:

Figure 1. (Prior Art) Chemical equation representation for manufacture of sodium silicate.

Figure 2. (Prior Art) Believed polymerization of $\text{Si}(\text{OH})_4$ when titrated with HAC. Formation of silica polymer.

Figure 3. (Prior Art) Believed evolution of the polymer in the generator of the invention, with a steep gradient magnetic field with K^+ ions as the nucleus and stabilized by the K^+ and about water.

Figure 4. (Prior Art) Bound water on a typical colloidal particle made by standard activation techniques.

Figure 5. A schematic representation of the believed polymerization behavior of silica.

Figure 6. Electron photomicrographs of silica particles made by standard activation techniques compared to electron photomicrographs of [5a] 6a colloid of the invention.--

On page 17, please insert the following text after line 17.

Figure 15b is a cross section of the schematic of the current scrubber of the present invention--